

AMENDMENTS TO THE CLAIMS

1 (currently amended). A belt force measuring device, comprising:

a measuring spring, the expansion of which is a measure of the belt force;

a detector which is arranged on the measuring spring ~~rigidly~~ rigidly in fixed relation to a first bearing of the measuring spring; and

a sensor element which is ~~arranged on~~ directly attached to the measuring spring ~~rigidly~~ rigidly in fixed relation to a second bearing of the measuring spring, the measuring spring being arranged and formed such that it expands between the first and second bearing as a function of the belt force.

2 (original). The belt force measuring device according to claim 1, wherein the measuring spring is arranged such that expansion as a function of the belt force is limited by a play of a locking tab mounted with the play in a housing of the belt force measuring device.

3 (original). The belt force measuring device according to claim 1, wherein the measuring spring is mounted flexibly in the first and second bearing.

4 (original). The belt force measuring device according to claim 1, wherein the detector is located on the measuring spring so that it cannot rotate.

5 (original). The belt force measuring device according to claim 1, wherein the sensor element is located on the measuring spring so it that cannot rotate.

6 (original). The belt force measuring device according to claim 1, wherein the measuring spring is formed from spring steel strip.